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# foreign agriculture circular

U.S. Department of Agriculture  
Foreign Agricultural Service  
Economic Research Service

## World Crop Production

Approved by the World Agricultural Outlook Board • USDA

WCP-9-83  
September 12, 1983

MOST WORLD CROP ESTIMATES REFLECT  
DROP IN U.S. PRODUCTION FORECASTS

Region	1981/82	1982/83	1983/84 Proj.	
			August	Sept.
	<u>Total Grains (Million metric tons)</u>			1/
World	1626.0	1676.2	1617.1	1584.8
United States	333.4	339.0	238.2	213.1
Rest of World	1292.5	1337.2	1378.9	1371.8
	<u>Oilseeds (Million metric tons)</u>			
World	169.8	180.6	172.1	163.5
United States	64.3	70.8	56.7	48.0
Rest of World	105.5	109.8	115.3	115.4
	<u>Cotton (Million bales)</u>			
World	70.7	67.6	66.3	66.5
United States	15.6	12.0	7.8	7.8
Rest of World	55.1	55.7	58.5	58.7

1/ Includes rice on a rough basis.

\* Total world grain production for 1983/84 now is forecast at 1,585 million tons, down 2 percent from last month's estimate and 5 percent below the record 1982/83 harvest. Hot, dry weather in August damaged crops in the United States, Canada, and Western Europe. Crops in Australia and India, on the other hand, benefited from good weather. The Soviet grain crop forecast remains unchanged at 200 million tons.

\* Wheat generally escaped damage from the dry weather. The forecast 1983/84 global wheat harvest was adjusted down slightly and should match last year's record 479.5 million tons. A 3-percent gain from last year in foreign production is offsetting a 14-percent decline in U.S. output. Dryness this past month prompted a major downward revision in the Canadian forecast and minor decreases for the United States and Argentina. Favorable weather significantly boosted yield prospects in Australia, South Africa, West Germany, and Eastern Europe. The Indian crop estimate also was raised.

\* The projection for 1983/84 world coarse grain production, now set at 685 million tons, is down another 4 percent from last month's forecast and is 12 percent below the 1982/83 record. The U.S. crop estimate fell 15 percent from last month and is 44 percent below last year's record.

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## WORLD CROP PROJECTIONS

Projections of 1983/84 world crop production are tentative. For the Northern Hemisphere, the projections include winter grain crops which are almost all harvested and spring crops such as wheat, corn, soybeans, and cotton that are nearly mature or being harvested. For the Southern Hemisphere, projections include winter grain crops in the vegetative stage and spring crops that will be planted in the next few weeks. Climatic and market developments over the next several months will continue to influence 1983/84 production prospects around the world.

Crop projections generally are based on surveys, historical trends in area and yield, and analysts' judgments. The indicated variations around projections in this report should encompass final outcomes about 2-out-of-3 times. The reliability of past world production estimates and measures of production variability are on pages 16-18.

Forecasts of 1983 U.S. acreage, yield, and production for crops, except for sunflowers, are from the U.S. Crop Production report released today by USDA's Crop Reporting Board.

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This report draws on information from USDA's global network of agricultural attaches and counselors, commodity analysts, country and regional specialists, and the staff of the Joint Agricultural Weather Facility. The report is prepared by the Foreign Agricultural Service (FAS), the Economic Research Service (ERS), and the World Agricultural Outlook Board (WAOB).

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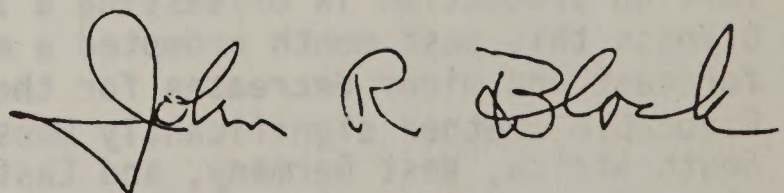
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(continued from page 1)

Foreign production was reduced 1 percent from last month's forecast, but should still be 3 percent above last year's level. Dryness hurt corn and barley in Canada and throughout Europe; good weather helped coarse grains in Australia and Mexico.

- \* The global rice production forecast for 1983/84 is just slightly above last month's projection and 1 percent above the 1982/83 record. The U.S. forecast is 4 percent below last month's and almost a third below last year's. The forecast for Japan was increased from last month, while projected Thai production was adjusted downward.
- \* World oilseed production in 1983/84 is forecast at 163.5 million tons, down nearly 9 million or 5 percent from last month and 9 percent below 1982/83's record outturn. Drought-reduced U.S. crops account for virtually all of this month's reduction. Reduced rapeseed prospects in China and Western Europe also are indicated, while forecast soybean production has been raised in Argentina and Brazil.
- \* Global soybean production in 1983/84 is forecast at 77.5 million tons, down 8 million or 9 percent from the August estimate and 18 million or 19 percent below last year's record. The U.S. crop is forecast at 41.8 million tons, off 17 percent from last month and down 33 percent from last year as continued heat stress in much of the central and southern growing areas cut yield and harvested area prospects. Reduced U.S. crop prospects and higher prices are expected to encourage larger plantings in Southern Hemisphere countries. Soybean production in Brazil is forecast at 15.3 million tons, up 0.3 from last month, while Argentina's crop is forecast at a record 4.7 million, up 0.3 million from last month and 1.2 million from the drought-reduced crop in 1982/83.
- \* World peanut production is forecast at 18.6 million tons, down 0.3 million from last month but 1.0 million above last year. The drought-reduced U.S. prospects account for this month's drop. The U.S. crop is forecast at 1.3 million tons and is 0.3 million or 16 percent below last year's outturn. The largest declines in the United States were centered from Virginia down into the Southeast.
- \* World rapeseed output is forecast at 14.9 million tons, down 0.6 million from last month, but only 0.1 million below last year. Most of the reduction is in the Chinese crop where poor weather along the Yangtze River Valley reduced yields. Dry weather in Northern Europe also accounted for a reduced crop estimate this month.
- \* World cottonseed production is forecast at 27.0 million tons, up slightly from last month. Upward revisions in the Soviet and Argentine crops of 0.2 and 0.1 million tons, respectively, only partially offset small declines elsewhere.
- \* World cotton production in 1983/84 is estimated at 66.5 million bales, slightly above last month's forecast, but 1.1 million below 1982/83. While U.S. prospects remain stable, estimated foreign production has been increased 0.2 million bales to a record 58.7 million. The modest gain over a month earlier reflects improved prospects in the Soviet Union and Argentina. The Soviet crop may total about 13 million bales, 0.5 million above the previous estimate and slightly more than 1 million above 1982/83 production. The Argentine crop now is placed at 0.8 million bales, up more

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than 20 percent from August indications. Partially offsetting these larger crops is a sharply reduced Brazilian estimate, now at 2.75 million bales. Meanwhile, U.S. production is forecast at 7.8 million bales, unchanged from a month earlier. Sharply reduced area and yields are dropping prospective U.S. output 4.2 million bales below the 1982 crop.

#### WORLD WEATHER HIGHLIGHTS THROUGH SEPTEMBER 11

United States--Unseasonably hot August weather over the northcentral United States continued into September, contrasting sharply with the below-normal averages in the Great Basin and near-normal readings in the Gulf Coast and New England States. Rainfall totals--frequently in the 25-50 percent of normal category--over the Corn Belt combined with high temperatures to put corn and soybeans under severe stress. Yields deteriorated for all crops from the Great Plains to the East Coast. Hurricane Alicia's heavy rains damaged crops in southeast Texas, while showers caused bunch rot problems for California grapes. Weather was very good for Florida citrus and for corn and beans in much of the Great Lakes area and in Colorado. The dry weather aided rapid harvesting of spring grains east of the Rockies.

USSR--Weather continues mostly favorable for a good Soviet grain harvest. In late July and early August, above-normal rain fell across much of the Ukraine and the North Caucasus. Persistent showers fell in northeastern European USSR and extended across the Urals into northern Kazakhstan and Western Siberia late last month. This rainfall pattern benefited late-maturing crops in the west, and caused only minor delays in the grain harvest. The August rains in the north favored early establishment of fall crops, particularly rye. Southern European USSR, however, received little precipitation after mid-August. Although favorable for harvesting corn, sunflowers, sugar beets and other late-season crops, precipitation is still needed in the area for germination and establishment of the 1984 winter grain crop. September 10-20 is the optimum planting time in this major winter wheat region. August temperatures in European USSR were near to slightly below normal. The New Lands have had normal weather during harvest, except in some northern areas which have been wet and cool, in particular the eastern slopes of the Urals. The cotton harvest began a bit early in both Central Asia and the Transcaucasus with dry, seasonably warm weather.

Europe--Recent showers over northern Europe relieved unfavorably warm, dry August weather conditions somewhat and will increase topsoil moisture needed for winter grain planting. Unseasonably low August rainfall reduced yield prospects for crops in western Romania, northeastern Yugoslavia, eastern Hungary, and Czechoslovakia, but aided harvest activity. Elsewhere, wet, cool weather over much of the Iberian Peninsula, southern France and northern Italy increased soil moisture but may have hurt maturing crops.

Canada--Warm, mostly dry weather accelerated crop development throughout the Prairie Provinces. Harvesting increased rapidly by mid-August and continued into early September under nearly ideal harvest weather, keeping the harvest pace ahead of schedule. Crops suffered some yield reductions from the intense heat and dry weather in the latter half of the growing season, but the quality of harvested grains, as measured by the protein content, should be very good. Recently, cooler weather and some showers covered the grain belt.

South America--Argentine wheat yield prospects improved considerably by early September following substantial rains. Wheat is now in vegetative growth and the weather during the next 2 months will determine final yields. Drier weather in southern Brazil alleviated excessive wetness following months of heavy rain; conditions have improved for wheat. Recent showers in Parana



aided wheat in the grain-filling stage and moistened topsoils for corn planting.

Australia--Frequent showers maintained sufficient moisture for vegetative growth of wheat throughout the wheat belt. Recent spring warming has promoted more vigorous growth. Some early wheat harvesting has begun in northernmost wheat areas of Queensland but, in general, the crop is 2-3 weeks late due to earlier wetness and a cool spring. Warm, dry weather is needed in eastern crop areas to arrest an outbreak of stripe rust disease induced by the cool, wet spring.

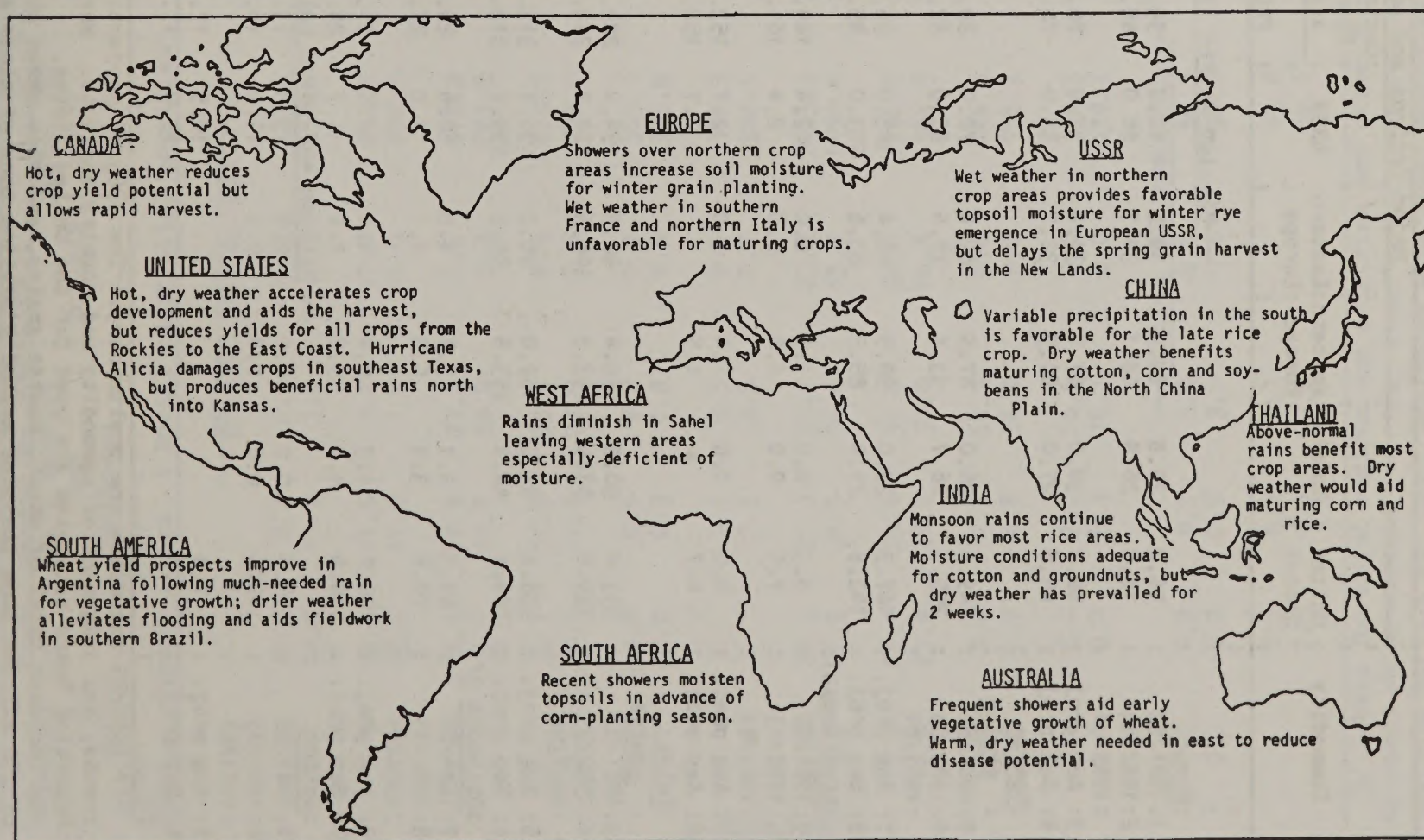
Eastern Asia--Recent scattered rain in southern China aided late double-cropped rice entering the heading stage. Maturing cotton, corn, and soybeans in the North China Plain have benefited from relatively dry weather. Some moderate-to-heavy rain hurt the cotton crop just north of the Yangtze Valley. Recent wet weather slowed maturation of corn and soybeans in the Manchurian Valley.

South Asia--Autumn rice in the heading stage benefited greatly from recent rain. Winter rice still is in the vegetative stage and will need more rain as it develops. Temperatures have been near normal and favorable for crop growth over most of India. The cotton and groundnut region benefited from earlier near-normal rain; however, Gujarat, Madhya Pradesh, and Maharashtra have been relatively dry for the past 2 weeks. Cotton and groundnuts are in the critical reproductive stage.

Southeast Asia--Most Thai crop areas received abundant rain in recent weeks. Corn is maturing and being harvested in the central region and drier weather would be favorable. Maturing rice also would benefit from less rain. However, late-planted rice in the heading and filling stages was aided by the moisture. Rainfall in the Philippines has been below normal except for localized heavy amounts in northern Luzon. Rice in central Luzon is in the vegetative stage and moisture conditions are adequate.

## WORLD AGRICULTURAL WEATHER HIGHLIGHTS

Date SEPTEMBER 11, 1983





World crop production summary 1/

Major regions and countries										
Commodity	United States	Canada	Western Europe	Eastern Europe	USSR	Centrally:			Near East and	
						Planned	South Asia	Other Asia		
										Asia
							India	stan	nesia	land
---Million metric tons---										
Wheat										
1: 1981/82	76.2	24.8	60.9	30.5	80.0	59.6	36.3	11.5	0.0	0.0
2: 1982/83	76.4	26.8	68.1	34.7	86.0	68.4	37.8	11.5	0.0	0.0
3: 1983/84										
3: Aug proj.	66.0	30.0	67.0	31.8	85.0	76.0	41.0	12.0	0.0	0.0
4: Sep proj.	65.5	27.0	66.9	32.7	85.0	76.0	41.6	12.3		
Coarse grains										
5: 1981/82	249.0	26.0	87.9	62.0	72.0	80.8	30.6	0.0	0.0	4.7
6: 1982/83	255.5	26.7	93.6	71.6	86.0	82.7	27.4	0.0	0.0	3.8
7: 1983/84										
7: Aug proj.	167.3	23.0	90.5	64.4	103.0	85.0	30.0	0.0	0.0	4.3
8: Sep proj.	142.8	21.4	85.5	63.6	103.0	85.0	30.0			4.3
Rice(rough)										
9: 1981/82	8.3	0.0	1.6	0.0	2.4	144.0	80.5	5.2	32.8	17.8
10: 1982/83	7.0	0.0	1.6	0.0	2.4	161.2	68.8	5.1	34.1	16.8
11: 1983/84										
11: Aug proj.	4.9	0.0	1.4	0.0	2.7	152.0	80.3	5.3	33.8	18.5
12: Sep proj.	4.7		1.5		2.7	152.0	80.3	5.3	33.8	17.7
Total										
grains 2/										
13: 1981/82	333.4	50.8	150.4	92.5	154.4	284.4	147.3	16.6	32.8	22.5
14: 1982/83	339.0	53.5	163.3	106.3	174.4	312.4	134.0	16.5	34.1	20.5
15: 1983/84										
15: Aug proj.	238.2	53.0	159.0	96.2	190.7	313.0	151.3	17.3	33.8	22.8
16: Sep proj.	213.1	48.4	153.8	96.3	190.7	313.0	151.9	17.6	33.8	22.0
Oilseeds 3/										
17: 1981/82	64.3	3.1	3.7	4.0	10.6	24.5	13.4	1.8	0.0	0.0
18: 1982/83	70.8	3.9	5.0	4.1	11.0	27.1	11.8	2.0	0.0	0.0
19: 1983/84										
19: Aug proj.	56.7	4.3	5.4	4.1	11.5	27.1	12.8	2.1	0.0	0.0
20: Sep proj.	48.0	4.2	5.2	4.0	11.7	26.5	12.8	2.1	0.0	0.0
Cotton										
21: 1981/82	15.6	0.0	0.0	0.0	13.3	13.6	6.4	3.5	0.0	0.0
22: 1982/83	12.0	0.0	0.0	0.0	11.9	16.5	6.3	3.8	0.0	0.0
23: 1983/84										
23: Aug proj.	7.8				12.5	17.0	6.5	3.9		
24: Sep proj.	7.8				13.0	17.0	6.5	3.9		

1/ 1982/83 estimates are preliminary. The 1983/84 projections are based on surveys, trends, and judgement of commodity and country analysts. Where available, USDA Crop Reporting Board estimates are used for the United States.

2/ Includes total of wheat, coarse grains, and rice shown above. Proj. 1983/84 Soviet crop of 200 million tons includes around 9 million tons of minor grains and pulses not shown in total above. The total Soviet grain crop is estimated at 180 million tons for 1982/83 and 160 million for 1981/82.



World crop production summary 1/---Continued

Major regions and countries																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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3/ Totals for major regions and countries and other countries include the six major oilseeds shown elsewhere in this report, while world total also includes copra and palm kernels for countries shown plus other countries  
0.0 - No production reported or insignificant production.  
\*\*Totals may not add due to rounding.



U.S. Crop Acreage, Yield and Production 1/  
(Domestic Units)

Item	Harvested area				Yield				Production			
	: 1983/84 proj. :				: 1983/84 proj. :				: 1983/84 proj. :			
	: 1981/82 : 1982/83 : Aug. : Sept. :	: 1981/82 : 1982/83 : Aug. : Sept. :	: 1981/82 : 1982/83 : Aug. : Sept. :	: 1981/82 : 1982/83 : Aug. : Sept. :	: 1981/82 : 1982/83 : Aug. : Sept. :	: 1981/82 : 1982/83 : Aug. : Sept. :	: 1981/82 : 1982/83 : Aug. : Sept. :	: 1981/82 : 1982/83 : Aug. : Sept. :	: 1981/82 : 1982/83 : Aug. : Sept. :	: 1981/82 : 1982/83 : Aug. : Sept. :	: 1981/82 : 1982/83 : Aug. : Sept. :	
All wheat	--- Million acres ---				--- Bushels per acre ---				--- Million bushels ---			
Winter	: 81.0 : 78.8 : 61.0 : 61.0 :	: 34.5 : 35.6 : 39.8 : 39.5 :	: 2799 : 2809 : 2424 : 2408 :								+30	
Other	: 58.6 : 58.3 : 47.2 : 47.2 :	: 35.9 : 36.1 : 41.6 : 41.8 :	: 2104 : 2108 : 1963 : 1977 :								---	
Rye	: 22.4 : 20.5 : 13.7 : 13.7 :	: 31.1 : 34.2 : 33.6 : 31.5 :	: 695 : 701 : 461 : 431 :								+15	
	: 0.7 : 0.7 : 0.9 : 0.9 :	: 26.6 : 29.1 : 30.0 : 30.0 :	: 19 : 21 : 26 : 26 :								---	
Feedgrains	: 107.0 : 107.1 : 81.5 : 80.7 :	--- Metric tons per acre ---	: 2.32 : 2.38 : 2.05 : 1.76 :								+7	
Corn	: 74.7 : 73.2 : 52.4 : 51.6 :	--- Bushels per acre ---	: 109.8 : 114.8 : 99.9 : 85.1 :								+220	
Sorghum	: 13.7 : 14.2 : 10.1 : 10.1 :	: 64.1 : 59.0 : 55.5 : 47.4 :	: 879 : 841 : 562 : 480 :								+20	
Barley	: 9.2 : 9.1 : 9.9 : 9.9 :	: 52.3 : 57.3 : 56.0 : 53.7 :	: 479 : 522 : 554 : 532 :								+20	
Oats	: 9.4 : 10.6 : 9.1 : 9.1 :	: 54.1 : 58.4 : 55.7 : 52.2 :	: 509 : 617 : 504 : 472 :								+20	
Soybeans	: 66.4 : 70.8 : 62.1 : 61.7 :	: 30.1 : 32.2 : 29.7 : 24.9 :	: 2000 : 2277 : 1844 : 1535 :								+65	
Rice	: 3.8 : 3.3 : 2.3 : 2.2 :	--- Pounds per acre ---	: 4819 : 4742 : 4637 : 4627 :								+3	
All cotton	: 13.8 : 9.7 : 7.5 : 7.5 :		: 543 : 593 : 503 : 501 :								+0.6	

U.S. Planted Area for Major Crops 1/

Item	Wheat		Rice		Sorghum		Barley		Oats		Total		Soybeans		Cotton		Total maj.	
	Winter	Other	Total	Rye	Rice	Corn	Sorghum	Barley	Oats	Total	Total	Total	Soybeans	Cotton	Crops	Crops	Crops	
	--- Million acres ---																	
1981/82	66.0	22.9	88.9	2.6	3.8	84.2	16.0	9.7	13.7	123.6	67.8	14.3	301.0					
1982/83	66.4	20.9	87.3	2.6	3.3	81.9	16.1	9.6	14.2	121.9	72.2	11.3	298.8					
1983/84																		
Aug. proj.:	62.5	14.1	76.6	2.8	2.3	60.1	11.6	10.5	20.2	102.4	63.3	8.3	255.9					
Sept.proj.:	62.5	14.1	76.6	2.8	2.3	60.1	11.6	10.5	20.2	102.4	63.3	8.3	255.9					

1/ 1982/83 is preliminary. 1983/84 projections from U.S. Crop Reporting Board.



## Wheat area, yield, and production: World and selected countries and regions 1/

Region/country:	Area			Yield			Production				
	: 1981/82	: 1982/83	: 1983/84	:	: 1981/82	: 1982/83	: 1983/84	:	: 1981/82	: 1982/83	: 1983/84
	proj.	proj.	proj.	:	Aug:	Aug:	Aug:	:	Sept.	Aug:	Sept.
	---Million hectares---			Metric tons per hectare			-----Million metric tons-----				
United States	: 32.8	: 31.9	: 24.7	: 2.32	: 2.40	: 2.67	: 2.66	: 76.2	: 76.4	: 66.0	: 65.5
Canada	: 12.4	: 12.6	: 13.7	: 2.00	: 2.13	: 2.19	: 1.98	: 24.8	: 26.8	: 30.0	: 27.0
Western Europe	: 16.4	: 16.8	: 17.0	: 3.71	: 4.06	: 3.93	: 3.94	: 60.9	: 68.1	: 67.0	: 66.9
Eastern Europe	: 9.0	: 9.4	: 9.7	: 3.38	: 3.70	: 3.30	: 3.38	: 30.5	: 34.7	: 31.8	: 32.7
USSR	: 59.2	: 57.3	: 52.3	: 1.35	: 1.50	: 1.63	: 1.63	: 80.0	: 86.0	: 85.0	: 85.0
Cen. Planned Asia:											
PRC	: 28.3	: 27.9	: 28.6	: 2.11	: 2.45	: 2.66	: 2.66	: 59.6	: 68.4	: 76.0	: 76.0
South Asia											
India	: 22.3	: 22.3	: 22.7	: 1.63	: 1.70	: 1.81	: 1.83	: 36.3	: 37.8	: 41.0	: 41.6
Pakistan	: 7.0	: 7.1	: 7.2	: 1.64	: 1.61	: 1.71	: 1.71	: 11.5	: 11.5	: 12.0	: 12.3
M. East & Africa											
South Africa	: 1.8	: 2.0	: 1.7	: 1.31	: 1.16	: 0.81	: 1.04	: 2.3	: 2.3	: 1.4	: 1.8
Turkey	: 8.5	: 8.6	: 8.6	: 1.55	: 1.60	: 1.55	: 1.55	: 13.2	: 13.8	: 13.3	: 13.3
L America & Carib:											
Argentina	: 5.9	: 7.3	: 6.4	: 1.40	: 1.98	: 1.69	: 1.72	: 8.3	: 14.5	: 11.5	: 11.0
Brazil	: 1.9	: 2.8	: 1.8	: 1.15	: 0.65	: 0.92	: 0.92	: 2.2	: 1.8	: 1.7	: 1.7
Oceania											
Australia	: 11.9	: 11.6	: 13.0	: 1.38	: 0.76	: 1.28	: 1.38	: 16.4	: 8.8	: 17.0	: 18.0
Total above	: 217.5	: 217.5	: 207.4	: 1.94	: 2.07	: 2.18	: 2.18	: 422.2	: 451.0	: 453.7	: 452.7
Other countries	: 21.9	: 21.4	: 21.6	: 1.23	: 1.33	: 1.24	: 1.24	: 27.0	: 28.5	: 26.7	: 26.8
World	: 239.4	: 238.9	: 229.0	: 1.88	: 2.01	: 2.09	: 2.09	: 449.2	: 479.5	: 480.4	: 479.5
World less U. S.	: 206.6	: 207.0	: 204.3	: 1.81	: 1.95	: 2.02	: 2.03	: 373.0	: 403.0	: 414.4	: 414.0
Major foreign ex porters 2/	: 42.9	: 44.4	: 46.2	: 2.42	: 2.47	: 2.49	: 2.48	: 103.8	: 109.7	: 117.1	: 114.5

1/ Totals and averages based on unrounded data. 1982/83 is estimated and preliminary. 1983/84 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Canada, Australia, Argentina, and EC.



Coarse grains area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		Yield		Production	
	: 1981/82	: 1983/84	: 1981/82	: 1983/84	: 1981/82	: 1983/84
	: 1982/83: proj.	: 1983/84: proj.	: 1982/83: August	: 1983/84: Sept.	: 1982/83: August	: 1983/84: Sept.
-----Million hectares-----						
-----Metric tons per hectare-----						
-----Million metric tons-----						
United States	: 43.6	: 43.6	: 33.0	: 5.71	: 5.86	: 4.33
Canada	: 9.2	: 8.9	: 7.8	: 2.83	: 2.99	: 2.72
Western Europe	: 24.5	: 24.1	: 23.4	: 3.59	: 3.89	: 3.65
Eastern Europe	: 19.8	: 19.7	: 19.4	: 3.14	: 3.63	: 3.28
USSR	: 58.0	: 58.0	: 60.7	: 1.24	: 1.48	: 1.70
Gen. Planned Asia:						
PRC	: 31.1	: 30.2	: 30.2	: 2.60	: 2.74	: 2.81
South Asia						
India	: 42.0	: 41.2	: 41.8	: 0.73	: 0.66	: 0.72
N East&Other Asia:						
Thailand	: 2.0	: 2.1	: 2.1	: 2.40	: 1.82	: 2.06
M East and Africa:						
South Africa	: 5.2	: 5.2	: 4.9	: 1.69	: 0.83	: 2.06
Turkey	: 4.3	: 4.3	: 4.2	: 1.90	: 2.01	: 1.95
L America & Carib:						
Argentina	: 6.4	: 6.3	: 6.0	: 2.88	: 2.79	: 2.91
Brazil	: 13.7	: 11.4	: 13.3	: 1.71	: 1.74	: 1.79
Oceania						
Australia	: 4.8	: 4.6	: 5.4	: 1.37	: 0.84	: 1.40
Total above	: 264.5	: 259.7	: 252.4	: 2.56	: 2.70	: 2.39
Other countries	: 84.6	: 80.2	: 81.7	: 1.03	: 0.97	: 1.00
World	: 349.1	: 340.0	: 334.1	: 2.19	: 2.29	: 2.05
World less U. S.	: 305.5	: 296.4	: 301.2	: 1.69	: 1.77	: 1.80
Major foreign ex	: 27.5	: 27.1	: 26.4	: 2.35	: 2.07	: 2.31
porters 3/						

1/ Totals and averages based on unrounded data. 1982/83 is estimated and preliminary. 1983/84 is projected based on surveys, trends, and analysts' judgement.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 17.

3/ Includes Canada, Australia, Argentina, South Africa, and Thailand.



## Rice(rough) area, yield, and production: World and selected countries and regions 1/

Region/country:	Area			Yield			Production				
	: 1981/82	: 1982/83	: 1983/84	: 1981/82	: 1982/83	: 1983/84	: 1981/82	: 1982/83	: 1983/84		
	proj.	proj.	proj.	Sept.	Aug.	Sept.	Aug.	Sept.	Sept.		
-----Million hectares-----											
Metric tons per hectare											
-----Million metric tons-----											
United States	: 1.5	: 1.3	: 0.9	: 5.40	: 5.32	: 5.20	: 5.18	: 8.3	: 7.0	: 4.9	: 4.7
Western Europe	: 0.3	: 0.3	: 0.3	: 5.53	: 5.50	: 5.28	: 5.35	: 1.6	: 1.6	: 1.4	: 1.5
USSR	: 0.6	: 0.6	: 0.7	: 3.78	: 3.70	: 3.86	: 3.86	: 2.4	: 2.4	: 2.7	: 2.7
Cen. Planned Asia:											
PRC	: 33.3	: 33.1	: 33.3	: 4.32	: 4.88	: 4.56	: 4.56	: 144.0	: 161.2	: 152.0	: 152.0
South Asia											
Bangladesh	: 10.5	: 10.4	: 10.6	: 1.96	: 2.05	: 2.05	: 2.05	: 20.5	: 21.3	: 21.8	: 21.8
Burma	: 4.8	: 4.7	: 5.0	: 2.84	: 3.09	: 2.80	: 2.80	: 13.6	: 14.4	: 14.0	: 14.0
India	: 40.7	: 39.0	: 40.7	: 1.98	: 1.76	: 1.97	: 1.97	: 80.5	: 68.8	: 80.3	: 80.3
Pakistan	: 2.0	: 2.0	: 2.0	: 2.61	: 2.59	: 2.66	: 2.69	: 5.2	: 5.1	: 5.3	: 5.3
N East&Other Asia:											
Indonesia	: 9.4	: 9.0	: 9.3	: 3.49	: 3.78	: 3.64	: 3.64	: 32.8	: 34.1	: 33.8	: 33.8
Japan	: 2.3	: 2.3	: 2.3	: 5.63	: 5.69	: 5.76	: 5.97	: 12.8	: 12.8	: 12.5	: 13.7
South Korea	: 1.2	: 1.2	: 1.2	: 5.84	: 6.15	: 5.95	: 6.30	: 7.1	: 7.3	: 7.2	: 7.6
Thailand	: 9.4	: 9.2	: 9.4	: 1.90	: 1.82	: 1.98	: 1.89	: 17.8	: 16.8	: 18.5	: 17.7
L America & Carib:											
Argentina	: 0.1	: 0.1	: 0.1	: 3.10	: 3.49	: 3.56	: 3.56	: 0.4	: 0.3	: 0.3	: 0.3
Brazil	: 6.0	: 5.4	: 6.2	: 1.54	: 1.46	: 1.53	: 1.53	: 9.2	: 7.8	: 9.5	: 9.5
Oceania											
Australia	: 0.1	: 0.1	: 0.1	: 6.95	: 5.93	: 6.50	: 6.26	: 0.9	: 0.5	: 0.6	: 0.7
Total above	: 122.2	: 118.5	: 122.0	: 2.92	: 3.05	: 2.99	: 3.00	: 356.8	: 361.3	: 364.9	: 365.7
Other countries	: 23.1	: 22.9	: 22.9	: 2.38	: 2.44	: 2.41	: 2.41	: 55.0	: 55.7	: 55.5	: 54.8
World	: 145.2	: 141.4	: 144.8	: 2.84	: 2.95	: 2.90	: 2.90	: 411.8	: 417.1	: 420.4	: 420.5
World less U. S.	: 143.7	: 140.1	: 143.9	: 2.81	: 2.93	: 2.89	: 2.89	: 403.5	: 410.1	: 415.5	: 415.8
Major foreign ex- porters 2/	: 16.3	: 15.9	: 16.4	: 2.30	: 2.31	: 2.34	: 2.29	: 37.4	: 36.8	: 38.4	: 37.7

1/ Totals and averages based on unrounded data. 1982/83 is estimated and preliminary. 1983/84 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Australia, Burma, Pakistan, and Thailand.



Cotton (all kinds) area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		Yield		Production		
	: 1983/84		: 1983/84 proj.2/		: 1983/84/ proj.2/		
	: 1981/82	: 1982/83: proj.	: 1981/82	: 1982/83: August	: 1981/82	: 1982/83 : August	: Sept.
	: ---Million hectares---		Kilograms per hectare		-----Million 480-pound bales---		
United States	5.6	3.9	3.0	608.	662.	561	564.
USSR	3.2	3.2	3.2	912.	813.	885.	850.
Cen. Planned Asia:							
PRC	5.2	5.8	5.8	571.	616.	633.	633.
South Asia							
India	8.0	8.0	8.0	174.	172.	177.	177.
Pakistan	2.2	2.3	2.3	343.	365.	376.	376.
M East and Africa:							
Egypt	0.5	0.5	0.4	1008.	945.	1089.	1089.
Sudan	0.4	0.4	0.5	433.	524.	435.	435.
Turkey	0.7	0.6	0.6	746.	820.	814.	814.
L America & Carib:							
Argentina	0.4	0.4	0.5	383.	299.	327.	324.
Brazil	2.1	2.1	2.0	312.	308.	294.	336.
Cent America 3/	0.2	0.2	0.2	817.	859.	887.	903.
Mexico	0.4	0.2	0.2	885.	886.	897.	897.
Total above	28.7	28.7	26.9	481.	481.	478.	478.
Other countries	4.5	4.8	4.8	343.	308.	334.	335.
World	33.2	32.3	31.7	463.	456.	456.	456.
World less U. S.	27.6	28.4	28.7	434.	427.	445.	446.
Major foreign ex- porters 4/	7.5	7.3	7.5	708.	672.	707.	693.

1/ Totals and averages based on unrounded data. 1982/83 estimates are preliminary. 1983/84 is projected based on surveys, trends, and analysts' judgement.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 18.

3/ Includes Nicaragua, Guatemala, El Salvador, Honduras, and Costa Rica.

4/ Includes USSR, Pakistan, Egypt, Sudan, Turkey, Central America, and Mexico.



## Soybean area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		Yield		Production						
	: 1981/82	: 1982/83	: 1981/82	: 1982/83	: 1981/82	: 1982/83	: 1983/84	: 1983/84	: 1983/84	: 1983/84	
	proj.	proj.	proj.	proj.	Aug.	Aug.	Sept.	Aug.	Sept.	Aug.	
	proj.	proj.	proj.	proj.	Aug.	Aug.	Sept.	Aug.	Sept.	Aug.	
-----Million metric tons-----											
-----Million hectares-----											
Metric tons per hectare											
United States	26.86	28.64	24.99	2.03	2.16	2.00	1.67	54.44	61.97	50.17	41.78
Canada	0.28	0.36	0.38	2.18	2.35	2.26	1.95	0.61	0.86	0.85	0.74
Eastern Europe	0.48	0.49	0.52	1.10	1.48	1.29	1.29	0.52	0.72	0.68	0.68
USSR	0.86	0.88	1.00	0.52	0.56	0.58	0.59	0.45	0.49	0.53	0.59
Cen. Planned Asia:											
PRC	8.02	8.41	8.10	1.16	1.07	1.17	1.17	9.33	9.03	9.50	9.50
South Asia											
India	0.40	0.45	0.50	1.16	1.04	1.00	1.00	0.46	0.47	0.50	0.50
L America & Carib:											
Argentina	1.98	2.12	2.45	2.07	1.65	1.96	1.92	4.10	3.50	4.40	4.70
Brazil	8.20	8.23	8.87	1.56	1.79	1.72	1.72	12.84	14.75	15.00	15.30
Paraguay	0.42	0.35	0.42	1.43	1.43	1.49	1.49	0.60	0.50	0.62	0.62
Total above	47.51	49.93	47.23	1.75	1.85	1.75	1.58	83.34	92.29	82.25	74.40
Other countries	2.36	2.41	2.49	1.23	1.18	1.25	1.25	2.90	2.84	3.10	3.12
World	49.86	52.34	49.72	1.73	1.82	1.73	1.56	86.24	95.13	85.35	77.52
World less U. S.	23.01	23.70	24.73	1.38	1.40	1.45	1.45	31.80	33.16	35.18	35.75
Major foreign ex- porters 3/	10.61	10.69	11.74	1.65	1.75	1.76	1.76	17.54	18.75	20.02	20.62

1/ Totals and averages based on unrounded data. 1982/83 is estimated and preliminary. 1983/84 is projected based on surveys, trends, and analysts' judgement.

2/ Production is subject to considerable year-to-year variation.

A measure of the reliability of the estimates by country is presented on page 18  
3/ Includes Argentina, Brazil, and Paraguay.



Oilseeds production: World and selected countries, regions, and commodities 1/

Commodity	Major regions and countries									
	United States	Canada	Western Europe	Eastern Europe	USSR	Planned Asia	Centrally:	South Asia		
---Million metric tons---										
<u>Cottonseed</u>										
1: 1981/82	5.80	0.00	0.32	0.02	5.28	5.94	2.73	1.50		
2: 1982/83	4.30	0.00	0.30	0.02	5.00	7.20	2.67	1.60		
3: Aug. proj.	2.84	0.00	0.31	0.03	5.10	7.40	2.77	1.70		
4: Sep. proj.	2.83	0.00	0.31	0.03	5.30	7.40	2.77	1.70		
<u>Peanuts</u>										
5: (In-shell)										
6: 1981/82	1.81	0.00	0.01	0.00	0.00	3.83	7.24	0.07		
7: 1982/83	1.56	0.00	0.01	0.00	0.00	3.92	5.50	0.08		
8: Aug. proj.	1.59	0.00	0.01	0.00	0.00	3.90	6.30	0.08		
9: Sep. proj.	1.32	0.00	0.01	0.00	0.00	3.90	6.30	0.08		
<u>Sunflower seed</u>										
10: 1981/82	2.10	0.16	0.90	2.25	4.68	1.33	0.13	0.02		
11: 1982/83	2.66	0.09	1.46	2.17	5.30	1.29	0.22	0.03		
12: Aug. proj.	1.92	0.09	1.77	2.05	5.50	1.30	0.28	0.04		
13: Sep. proj.	1.92	0.09	1.77	1.94	5.50	1.30	0.28	0.04		
<u>Rapeseed</u>										
14: 1981/82	0.00	1.84	2.43	1.13	0.03	4.06	2.36	0.24		
15: 1982/83	0.00	2.25	3.14	1.05	0.06	5.66	2.50	0.25		
16: Aug. proj.	0.00	2.80	3.21	1.31	0.14	5.00	2.50	0.28		
17: Sep. proj.	0.00	2.90	3.09	1.33	0.12	4.40	2.50	0.28		
<u>Flaxseed</u>										
18: 1981/82	0.20	0.47	0.03	0.08	0.16	0.00	0.47	0.01		
19: 1982/83	0.30	0.73	0.04	0.08	0.15	0.00	0.48	0.01		
20: Aug. proj.	0.21	0.52	0.04	0.08	0.21	0.00	0.45	0.01		
21: Sep. proj.	0.19	0.49	0.04	0.08	0.21	0.00	0.45	0.01		

1/ Totals and averages based on unrounded data. 1982/83 is estimated and preliminary. 1983/84 is projected based on surveys, trends and analysts' judgement.

2/ Countries included: India, Sudan, Argentina, and Brazil for cottonseed; Eastern Europe and Argentina, sunflowerseed; Canada, rapeseed; and India, Senegal, Sudan, Argentina, and Brazil, peanuts; Argentina and Canada, flaxseed.



Oilseeds production: World and selected countries, regions, and commodities--Cont.

Major regions and countries																					
Middle East and Africa		Latin America and Caribbean		Argentina		Sudan		Senegal		Egypt		Other countries		World less United States		Major foreign ex-porters					
: :<																					

3/ Assumes reported production for four States representing 97 percent of U.S. total.

--- No production reported or less than 5,000 tons.



COARSE GRAINS: RELIABILITY OF SEPTEMBER WORLD CROP PRODUCTION FORECASTS

Region	: Standard Error of Estimate :		: Ten Year Record of Difference :						
	: from :		: Between September Forecast & Final :						
	: Trend-68% Confidence Level :		: Estimate :						
	: Percent :	: Quantity :	: Average :	: Average :	: Smallest :	: Largest :	: Below :	: Above :	2/
			: Percent :				: Final :	: Final :	
	: Million MT :		: (-----Million MT-----): :						
<u>North America</u>									
Canada	: 8.5	: 2	: 5.6	: 1	: 1/	: 2	: 6	: 4	
United States	: 6.9	: 18	: 3.3	: 6	: 1	: 10	: 8	: 2	
<u>Western Europe</u>	: 5.8	: 6	: 2.0	: 2	: -	: 5	: 6	: 3	
<u>Eastern Europe</u>	: 3.3	: 2	: 4.8	: 3	: 1	: 10	: 9	: 1	
<u>Oceania</u>									
Australia	: 19.9	: 1	: 18.7	: 1	: -	: 2	: 3	: 7	
<u>South Asia</u>									
India	: 5.7	: 2					: NA	: NA	
<u>Centrally Planned Asia</u>									
China	: 2.9	: 3					: NA	: NA	
<u>Near East &amp; Other Asia</u>									
Thailand	: 13.2	: 1	: 6.5	: 1	: 1/	: 1	: 1	: 5	
<u>USSR</u>	: 19.4	: 15	: 7.8	: 8	: 3	: 12	: 4	: 4	
<u>Middle East and Africa</u>									
South Africa	: 31.3	: 3	: 32.8	: 3	: -	: 7	: 6	: 4	
Turkey	: 5.5	: 1					: NA	: NA	
<u>Latin America &amp; Caribbean</u>									
Argentina	: 18.0	: 3	: 18.8	: 3	: 1	: 6	: 6	: 4	
Brazil	: 9.6	: 2	: 8.2	: 2	: -	: 4	: 5	: 5	
<u>Total Above</u>			: 2.1	: 11	: 7	: 24	: 6	: 4	
<u>Others</u>	: 4.3	: 4	: 3.6	: 4	: 1	: 10	: 6	: 4	
<u>World Total</u>	: 2.9	: 23	: 2.0	: 13	: 1/	: 25	: 6	: 3	
<u>World Less U.S.</u>	: 3.0	: 16	: 2.2	: 11	: 3	: 29	: 4	: 6	
<u>Major Competitors 3/</u>	: 8.1	: 5	: 6.3	: 4	: -	: 9	: 3	: 6	

1/ Less than 500,000 tons.

2/ May not add up to 10 of September estimate was the same as final.

3/ Includes Canada, Australia, Argentina, S. Africa and Thailand.

NOTE 1: N/A means no published forecasts are available.

NOTE 2: Standard errors of the estimates are derived from 10 year production trends, 1973-1982; percent error is calculated at the mean. The 10 year record is based upon absolute differences from final estimates.



WHEAT: RELIABILITY OF SEPTEMBER WORLD CROP PRODUCTION FORECASTS

Region	: Standard Error of Estimate : : from		: Ten Year Record of Difference : Between September Forecast & Final : Estimate							2/
	: Trend-68% Confidence Level :									
	: Percent :	: Quantity :	: Average : : Percent :	: Average :	: Smallest :	: Largest :	: Number of Years			
							: Below : Final	: Above : Final		
		Million MT		(-----Million MT-----)						
<u>North America</u>										
Canada	: 12.0	3	: 3.9	1	1/	2	: 9	1		
United States	: 8.0	6	: 0.5	-	-	1	: 5	3		
<u>Western Europe</u>	: 7.2	5	: 3.4	2	-	3	: 7	3		
<u>Eastern Europe</u>	: 9.1	3	: 4.6	1	-	4	: 5	5		
<u>Oceania</u>										
Australia	: 24.6	3	: 18.8	3	-	5	: 6	4		
<u>South Asia</u>										
India	: 5.1	2	: 5.2	1	-	4	: 7	2		
Pakistan	: 4.6	1					: NA	NA		
<u>Centrally Planned Asia</u>										
China	: 6.7	5					: NA	NA		
<u>USSR</u>	: 18.0	16	: 9.6	9	5	19	: 5	5		
<u>Middle East and Africa</u>										
South Africa	: 13.6	-					: NA	NA		
Turkey	: 8.9	1					: NA	NA		
<u>Latin America &amp; Caribbean</u>										
Argentina	: 20.9	3	: 15.6	1	-	5	: 6	4		
Brazil	: 22.6	1					: NA	NA		
<u>Total Above</u>			: 4.3	15	5	28	: 5	5		
<u>Others</u>	: 7.1	2	: 2.6	2	-	4	: 8	2		
<u>World Total</u>	: 4.1	20	: 3.7	16	5	30	: 6	4		
<u>World Less U.S.</u>	: 5.6	23	: 4.1	16	5	31	: 6	4		
<u>Major Competitors 3/</u>	: 5.7	6	: 6.9	4	1	8	: 7	3		

1/ Less than 500,000 tons.

2/ May not add up to 10 if September estimate was the same as final.

3/ Includes Canada, Australia, Argentina, and the EC.

NOTE 1: N/A means no published forecasts are available.

NOTE 2: Standard errors of the estimates are derived from 10 year production trends, 1973-1982; percent error is calculated at the mean. The 10 year record is based upon absolute differences from final estimates.



Cotton, rice (rough), and oilseeds production: 1983/84 trend projections and standard errors 1/

Regions	Cotton			Rice (rough)			Oilseeds		
	Trend	Standard error		Trend	Standard error		Trend	Standard error	
	Pro-	Quan-		Pro-	Quan-		Pro-	Quan-	
	jection:	tity	Percent	jection:	tity	Percent	jection:	tity	Percent
	---Mil. bales---			---Mil. MT---			---Mil. MT---		
U.S. <u>2/</u>	7.8	0.6	7.4	4.7	.1	3.0	41.8	1.7	4.1
Canada	---	---	---	---	---	---	2.9 <u>3/</u>	.7	25.1
Western Europe:	---	---	---	1.6	.1	9.1	---	---	---
Eastern Europe:	---	---	---	---	---	---	---	---	---
USSR	13.3	.6	4.5	2.7	.2	6.2	4.4 <u>4/</u>	.6	13.1
Centrally									
Planned Asia:									
PRC	13.8	1.7	12.3	153.2	3.4	2.2	---	---	---
South Asia									
Bangladesh	---	---	---	21.5	.7	3.3	---	---	---
Burma	---	---	---	14.2	.9	6.7	---	---	---
India	6.4	.3	4.7	78.0	8.0	10.2	6.0 <u>5/</u>	.7	11.2
Pakistan	3.5	.5	14.3	5.4	.2	4.0	---	---	---
Near East &									
Other Asia									
Indonesia	---	---	---	33.9	1.6	4.6	---	---	---
Japan	---	---	---	12.7	1.1	8.8	---	---	---
South Korea	---	---	---	7.5	.8	11.3	---	---	---
Thailand	---	---	---	18.4	1.1	6.1	---	---	---
Middle East									
and Africa									
Egypt	2.3	.2	8.7	---	---	---	---	---	---
Senegal	---	---	---	---	---	---	.8 <u>5/</u>	.3	32.2
South Africa	---	---	---	---	---	---	---	---	---
Sudan	.6	.2	33.3	---	---	---	---	---	---
Turkey	2.2	.2	9.1	---	---	---	---	---	---
Latin America									
& Caribbean									
Argentina	.6	.2	33.3	.3	.03	9.1	---	---	---
Brazil	3.1	.3	9.7	9.5	.7	7.1	15.6 <u>6/</u>	1.5	9.6
Mexico	1.2	.4	33.3	---	---	---	---	---	---
Oceania									
Australia	---	---	---	.8	.1	16.0	---	---	---
Foreign	54.8	2.5	4.6	416.8	8.1	2.0	---	---	---
World	68.7	3.8	5.5	424.5	8.4	2.0	182.2	8.0	4.3 <u>7/</u>

1/ This table provides a measure of year-to-year variability in production from linear trend during 1973/74-1982/83. Data reflect one standard error, i.e. 67-percent confidence level. In the case of USSR cotton, for example, there is a 67-percent probability that 1983/84 production will total within 0.6 million bales or 4.5 percent of the trend projection of 13.3 million. Production estimates may differ from trend, based on analysts' judgement and other factors. 2/ Crop Reporting Board estimates of U.S. production and associated root mean square errors. Oilseeds are soybeans only. 3/ Rapeseed. 4/ Sunflowerseed. 5/ Peanuts. 6/ Soybeans. 7/ Percentages for individual oilseeds: soybeans, 6.2; cottonseed, 5.4; sunflowerseed, 7.5; peanuts, 6.0; rapeseed, 7.5, and flaxseed, 10.5.

WCP-9-83



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